

APR 11 2008

PATENT
Docket No. 290.00040130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GUO et al.) Group Art Unit:
Serial No.: 10/539,241) Examiner:
Filed: 16 June 2005) Confirmation No.: 2305
(Int'l Filing Date: 16 December 2003)

For: pRNA CHIMERA

FACSIMILE TRANSMISSION TO THE PTO

Commissioner for Patents
Mail Stop PGPUB
P.O. Box 1450
Alexandria, VA 22313-1450

FAX NUMBER: (703)305-8568
Total Pages (including cover page): 5
Time: 3:48 pm (Central Time)
(Transmission must be complete by
midnight eastern time.)

The following papers are being transmitted to the Patent and Trademark Office by facsimile transmission: Request for correction of Patent Application Publication (2 pgs.): "Errors on Published Application" form (1 pg.); and relevant page of Patent Application Publication with errors marked (1 pg.)

Please Charge Deposit Account No. 13-4895 in the amount of _____ for the required fee.

X Small Entity Status is entitled to be asserted in the above-identified application.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895.

Mucting, Raasch & Gebhardt, P.A.
Customer Number: 26813

April 10, 2008
Date

By: Victoria A. Sandberg
Victoria A. Sandberg
Reg. No. 41,287
Direct Dial (612)305-1226

CERTIFICATE UNDER 37 C.F.R. §1.8: The undersigned hereby certifies that this Facsimile Cover Sheet and the paper(s), as described hereinabove, are being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office addressed to the Commissioner for Patents, Mail Stop PGPUB, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of April, 2008, at 3:48 pm (Central Time).

April 10, 2008
Date

Signature: Margaret S. Willis
Name: Margaret S. Willis

If you do not receive all pages, please contact us at (612)305-1220 (ph) or (612)305-1228 (fax).

RECEIVED
CENTRAL FAX CENTER

APR 11 2008

PATENT

Docket No. 290.00040130

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	GUO et al.)	Group Art Unit:
)	
Serial No.:	10/539,241)	Examiner:
)	
Filed:	16 June 2005)	Confirmation No.: 2305
(Int'l Filing Date: 16 December 2003))	

For: pRNA CHIMERA
Patent Application Publication No.: 2008/0064647 A1

REQUEST FOR CORRECTION OF PATENT APPLICATION PUBLICATION

Mail Stop PGPUB
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is a request for correction and republication of the above-identified Patent Application Publication, which was published on March 13, 2008.

Applicants' Representatives identified the following errors made by the U.S. Patent and Trademark Office. The priority information on the face page is incomplete and should read as follows:

(60) Provisional application No. 60/433,697, filed on Dec. 16, 2002.

Provisional application No. 60/227,393, filed on Aug. 23, 2000.

(63) which is a continuation-in-part of application No. 10/373,612, filed on

Feb. 24, 2003, which is a continuation-in-part of application No.

PCT/US01/26333, filed on Aug. 23, 2001.

RECEIVED
CENTRAL FAX CENTER

APR 11 2008

Page 2 of 2

Request for Correction of Patent Application Publication

Applicant(s): GUO et al.

Serial No.: 10/539,241

Confirmation No.: 2305

Filed: 16 June 2005

For: pRNA CHIMERA

The errors are indicated on the form entitled "Errors on Published Application" included herewith. Also included are relevant pages of the Patent Application Publication with errors marked.

Pursuant to 37 C.F.R. §1.221(b), we request that the error(s) indicated above be corrected, and that the above-identified Patent Application Publication be re-published without additional publication or processing fees.

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office, addressed to: Mail Stop PGPub, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of April, 2008, at 3:48 (Central Time).

By: 

Name: Margaret S. Willis

April 10, 2008
Date

Respectfully submitted

By

Mueeting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Phone: (612)305-1220

Facsimile: (612)305-1228

Customer Number 26813

By: 

Victoria A. Sandberg

Reg. No. 41,287

Direct Dial (612)305-1226

Errors on Published Application

File No. 220.0004-0130

Inventor: Gunn et al.

Serial No. 10/539,241

Filed: June 16, 2005 (until filing date: Dec. 16, 2003)

Confirmation No. 2305

Proofreader's Initials: MSW

Application Publication Date: March 13, 2008

[illegible]

APR 11 2008



US 2008006467A1

(19) **United States**(12) **Patent Application Publication**

Guo et al.

(10) Pub. No.: US 2008/006467 A1

(43) Pub. Date: Mar. 13, 2008

(54) **PRNA CHIMERA**

(76) Inventors: Petrus Guo, Mason, OH (US);
Stephen M. Hooprich, Canton,
OH (US); Don Shu, Mason, OH
(US)

Correspondence Address:
MUTTING, RAASCH & GEBHARDT, P.A.
P.O. BOX 581415
MINNEAPOLIS, MN 55458

(21) Appl. No.: 10/539,241


(22) PCT Filed: Dec. 16, 2003

(86) PCT No.: PCT/US03/39950

§ 371 (c)(1),
(2), (4) Date: Sep. 5, 2007

Related U.S. Application Data

(63) which is a continuation-in-part of application No.
10/373,612, filed on Feb. 24, 2003, which is
a continuation-in-part of
PCT/US01/26833, filed Aug. 23, 2001,
loop

arm 1  arm 2
Ribozyme
target RNA



Ribozyme
binds to
target RNA



Ribozyme
cleaves
target RNA



Ribozyme
dissociates from
inactive RNA

(60) Provisional application No. 60/435,697, filed on Dec.
16, 2002.

Provisional application
No. 60/227,393, filed on Aug. 23, 2000.
Publication Classification

(51) Int. Cl.
A61K 31/7088 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C07H 21/02 (2006.01)
C07K 14/00 (2006.01)
C12N 5/00 (2006.01)
C12N 7/00 (2006.01)

(52) U.S. Cl. 514/44; 435/235.1; 435/375; 530/350;
536/23.1

(57) ABSTRACT

A polyvalent multimeric complex formed from a plurality of
circularly permuted chimeric pRNA molecules, each carry-
ing a stabilized biologically active moiety.